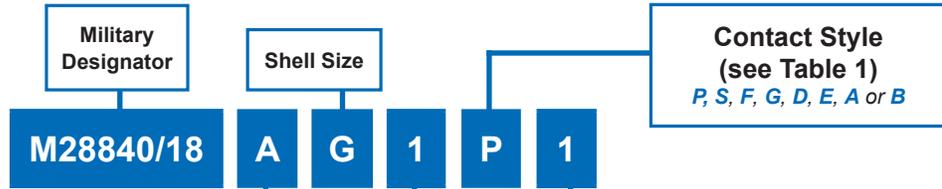


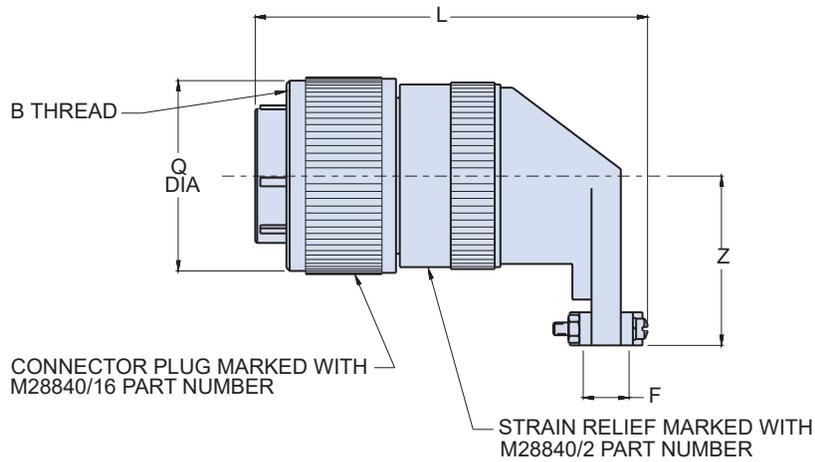
# M28840/18 Plug Connector with 90° Strain Relief

B



**Material and Finish**  
**A** - Class D: Aluminum, Cadmium Plate, O.D. over Electroless Nickel  
**B** - Class DS: Corrosion Resistant Steel, Cadmium Plate, Black  
**L** - Class T: Aluminum, Tin-Zinc Plate over Electroless Nickel, Non-Reflective

**Insert Arrangement**  
**Key Position**  
 1, 2, 3, 4, 5 and 6



Designator	B Thread Class 2B	F Cable Entry		L Max.	Q Max.	Z Max.	Max. O.D. Over Rear Clamps
		Open	Closed				
A (11)	.750-1P-.2L-DS	.286	.177	2.562	1.028	.929	.832
B (13)	.875-1P-.2L-DS	.286		2.562	1.141	.929	
C (15)	1.062-1P-.2L-DS	.416	.250	2.750	1.263	1.056	.989
D (17)	1.125-1P-.2L-DS	.476	.291	2.875	1.387	1.233	1.094
E (19)	1.312-1P-.2L-DS	.626	.348	3.000	1.513	1.296	1.319
F (23)	1.500-1P-.2L-DS	.831	.429	3.125	1.703	1.358	1.557
G (25)	1.625-1P-.2L-DS	.956	.523	3.250	1.825	1.420	1.653
H (29)	1.812-1P-.2L-DS	1.081	.643	3.375	2.143	1.634	1.819
J (33)	2.000-1P-.2L-DS	1.187	.704	3.438	2.329	1.859	2.020

**M28840/18**  
**Plug Connector with 90° Strain Relief**



MIL-DTL  
28840

Table I

Designator	Desc	Contact Size	Crimp Barrel Size	Wire size	Contact PN
P	Pin	20	22	22-26AWG	M39029/83-450
S	Socket	20	22	22-26AWG	M39029/83-452
D	Pin	20	28	28-30AWG	M39029/83-451
E	Socket	20	28	28-30AWG	M39029/83-453
F	Pin	20	20	20-24AWG	M39029/83-508
G	Socket	20	20	20-24AWG	M39029/83-509

**B**